



BAY AREA AIR POLLUTION CONTROL DISTRICT

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February 17, 1978

TO ALL INTERESTED PARTIES:

FROM: AIR POLLUTION CONTROL OFFICER

SUBJECT: PROPOSED AMENDMENT TO REGULATION 2
REGARDING USE OF IN-STACK MONITORS

A public hearing is scheduled for April 5, 1978 for the District Board of Directors to consider adding Section 3110.3 to Regulation 2 regarding use of in-stack monitors to measure opacity.

Attached is a copy of the proposed amendment. It is intended to clarify the District's authority to use in-stack monitors to establish opacity violations.

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PROPOSED AMENDMENT TO REGULATION 2

§ 3110 VISIBLE EMISSIONS. Except as provided in §§ 3111 through 3114, no **person** shall cause, let, permit, suffer, or allow the **emission** for more than three minutes in any one hour of a gas stream containing air contaminants which, at the **emission point** or within a reasonable distance of the **emission point**, is (*Amended by Resolution No. 398, dated March 3, 1965*)

§ 3110.1 As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart as published in the United States Bureau of Mines Information Circular 7718, or (*Amended by Resolution 635, Dated Nov. 5, 1970*).

§ 3110.2 Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in § 3110.1; and the determination of such opacity shall be according to procedures in Chapter 6, Division 8.

§3110.3 NO PERSON SHALL CAUSE, LET, PERMIT,
SUFFER OR ALLOW THE EMISSION FOR MORE THAN
THREE MINUTES IN ANY ONE HOUR OF A GAS STREAM
CONTAINING AIR CONTAMINANTS WHICH IS EQUAL TO
OR GREATER THAN 20% OPACITY AS MEASURED BY AN
IN-STACK MONITOR REQUIRED PURSUANT TO SECTION
3210.1 OR 3210.5 AND APPROVED BY THE APCO.


§ 3111 Where the presence of uncombined water is the only reason for the failure of an **emission** to meet the limitations of § 3110, that section shall not apply. The burden of proof which establishes the application of this § 3111 shall be upon the **person** seeking to come within its provisions. (*Amended by Resolution No. 398, dated March 3, 1965*)

§ 3112 § 3110 shall not apply to any **emission** on the basis of any observation of an air contaminant observed while such contaminant is inside a bona fide building.

NOTES TO § 3111

Note 1. The Control Officer from time to time prepares and distributes a statement of practice in administering § 3111. These statements are not adopted by the Board of Directors as a part of this regulation. They are guides to staff activity and are intended to be helpful guides to the public.

Note 2. Water mist alone is not a "noxious mist" and therefore not an "air contaminant" as defined in Health and Safety Code § 24348.3.



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§ 3210.1 Where ambient air or source tests or any other data indicate that emissions of air contaminants from any emission point may be in potential violation of limits established in this regulation, the Control Officer may require the person responsible to monitor continuously that emission point or the ambient air for the specific contaminants or conditions (e.g., opacity) in potential violation. Such monitoring instruments may be either permanent or temporary and shall be suitable for determinations consistent with the emission limits established in this regulation; and shall comply with all applicable laws and regulations concerning safe construction or safe practice in connection with such instruments. (*Added November 5, 1970.*)

§3210.5 Notwithstanding the requirements of Section 3210.1, the Air Pollution Control Officer shall require the person responsible for emissions from the following source operations to install, calibrate, operate and maintain all monitoring equipment necessary for continuously monitoring the quantity of air pollutants specified below:

- (a) NO_x , CO_2 or O_2 , and opacity from steam generators with a heat input of 250 million British Thermal Units or more per hour and with a use factor of at least 30 percent,
- (b) NO_x from all new nitric acid plants, and existing plants having a production capacity in excess of 300 tons/day of 100% nitric acid,
- (c) SO_2 from sulfuric acid plants,
- (d) SO_2 from sulfur recovery plants emitting more than 100 pounds per day of SO_2 ,
- (e) SO_2 and opacity from the CO boilers of the regenerators of fluid catalytic crackers, and
- (f) SO_2 and opacity from the CO boilers of the regenerators of fluid cokers with a feed rate greater than 10,000 barrels per day,
- (g) SO_2 from fossil fuel fired steam generators with a heat input of 250 million British Thermal Units or more per hour with a use factor of at least 30 percent and utilizing flue gas desulfurizing (FGD) units. (*Amended March 2, 1977.*)

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